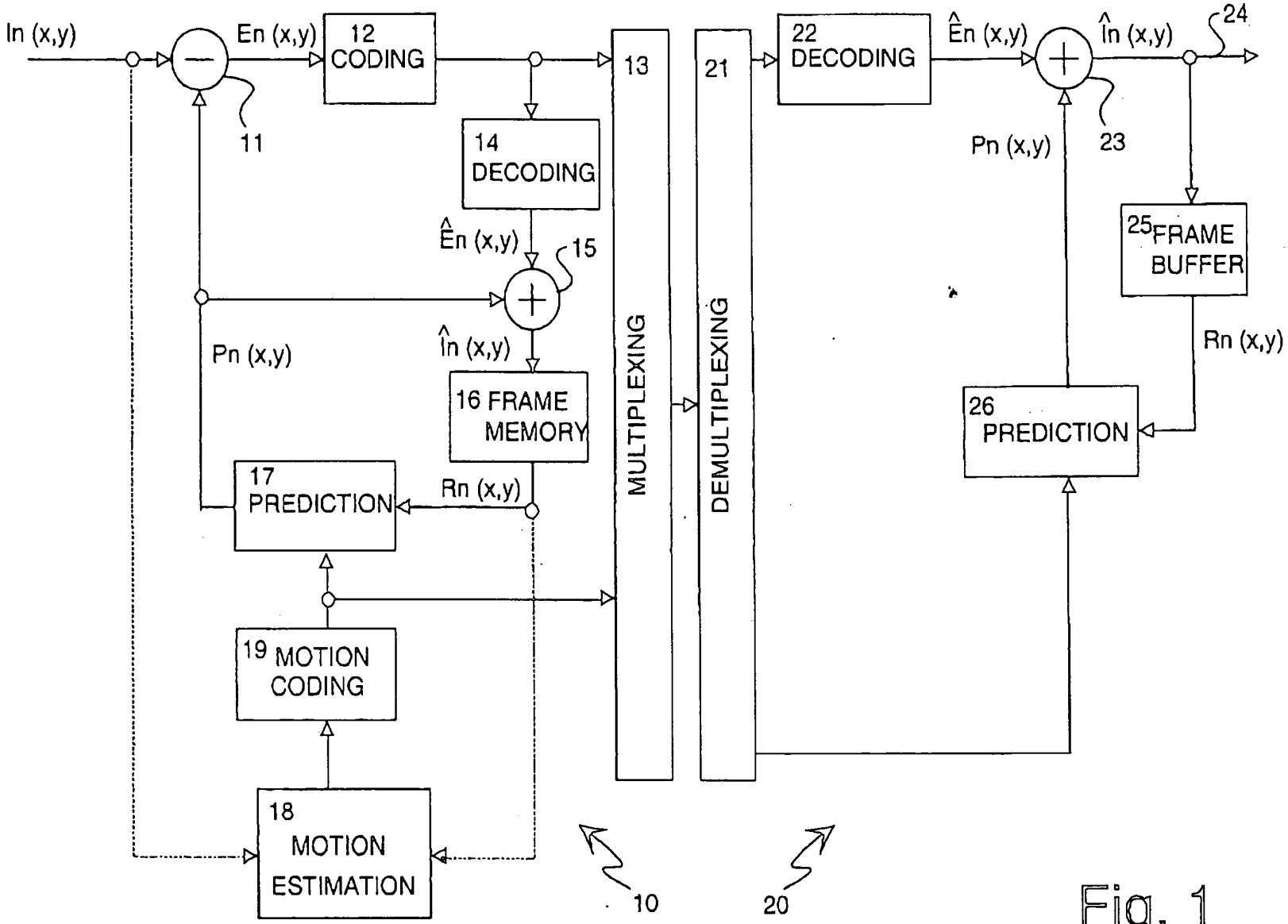
In (x,y)
En (x,y)
12 CODING
11
14 DECODING
Ên (x,y)
15
In (x,y)
Pn (x,y)
16 FRAME MEMORY
17 PREDICTION
Rn (x,y)
19 MOTION CODING
18 MOTION ESTIMATION
13
MULTIPLEXING
21
DEMULTIPLEXING
22 DECODING
Ên (x,y)
In (x,y)
24
Pn (x,y)
23
25 FRAME BUFFER
Rn (x,y)
26 PREDICTION
10
20

Fig. 1

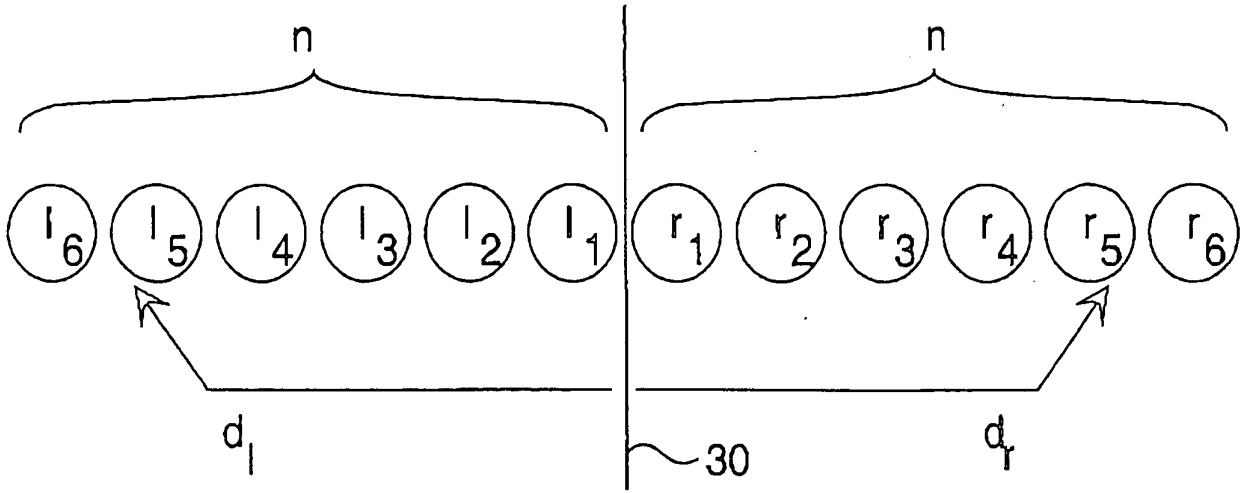

Fig. 2

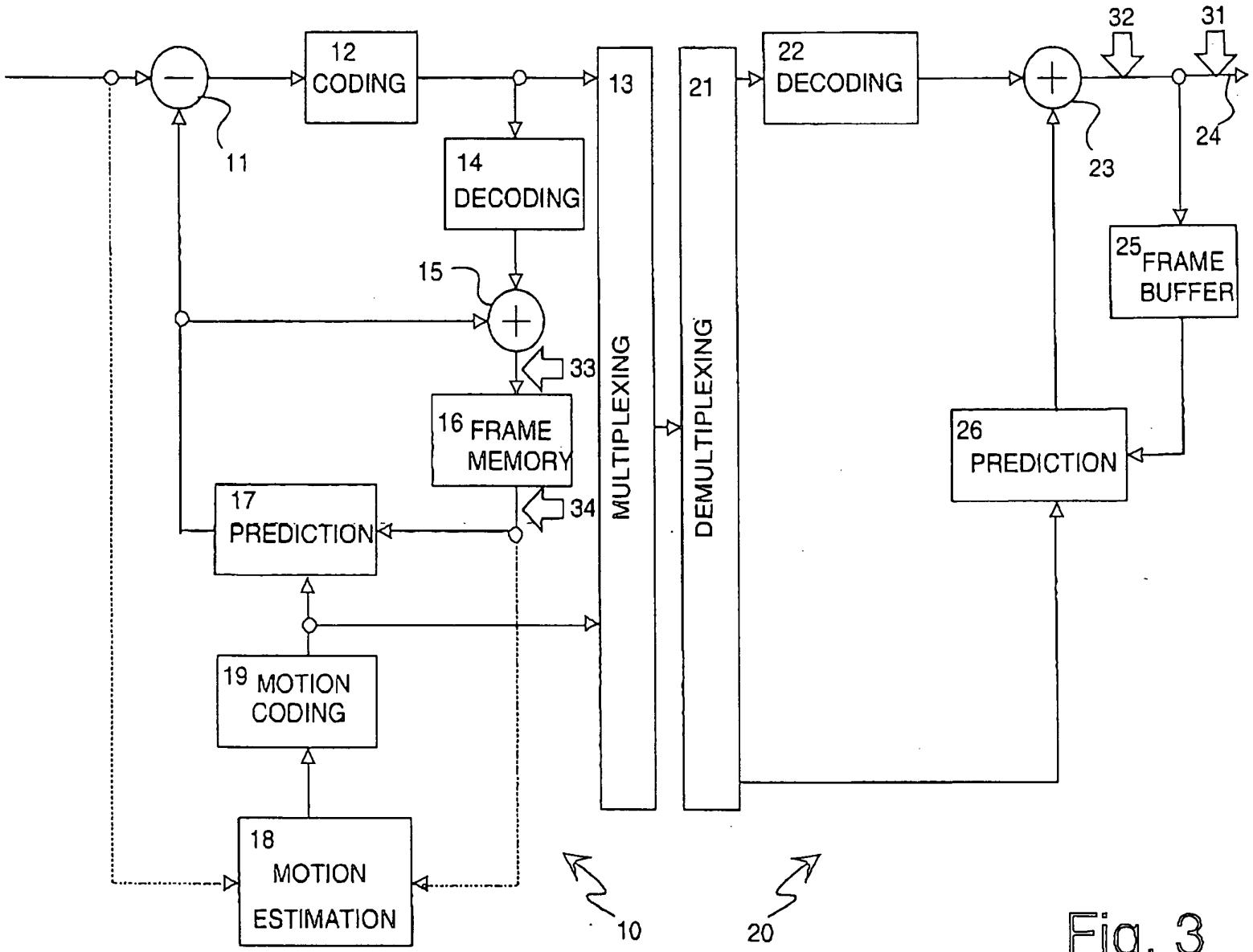
12
CODING
11
14
DECODING
15
33
16
FRAME
MEMORY
34
17
PREDICTION
19
MOTION
CODING
18
MOTION
ESTIMATION
13
MULTIPLEXING
21
DEMULTIPLEXING
22
DECODING
32
31
24
23
25
FRAME
BUFFER
26
PREDICTION
10
20

Fig. 3

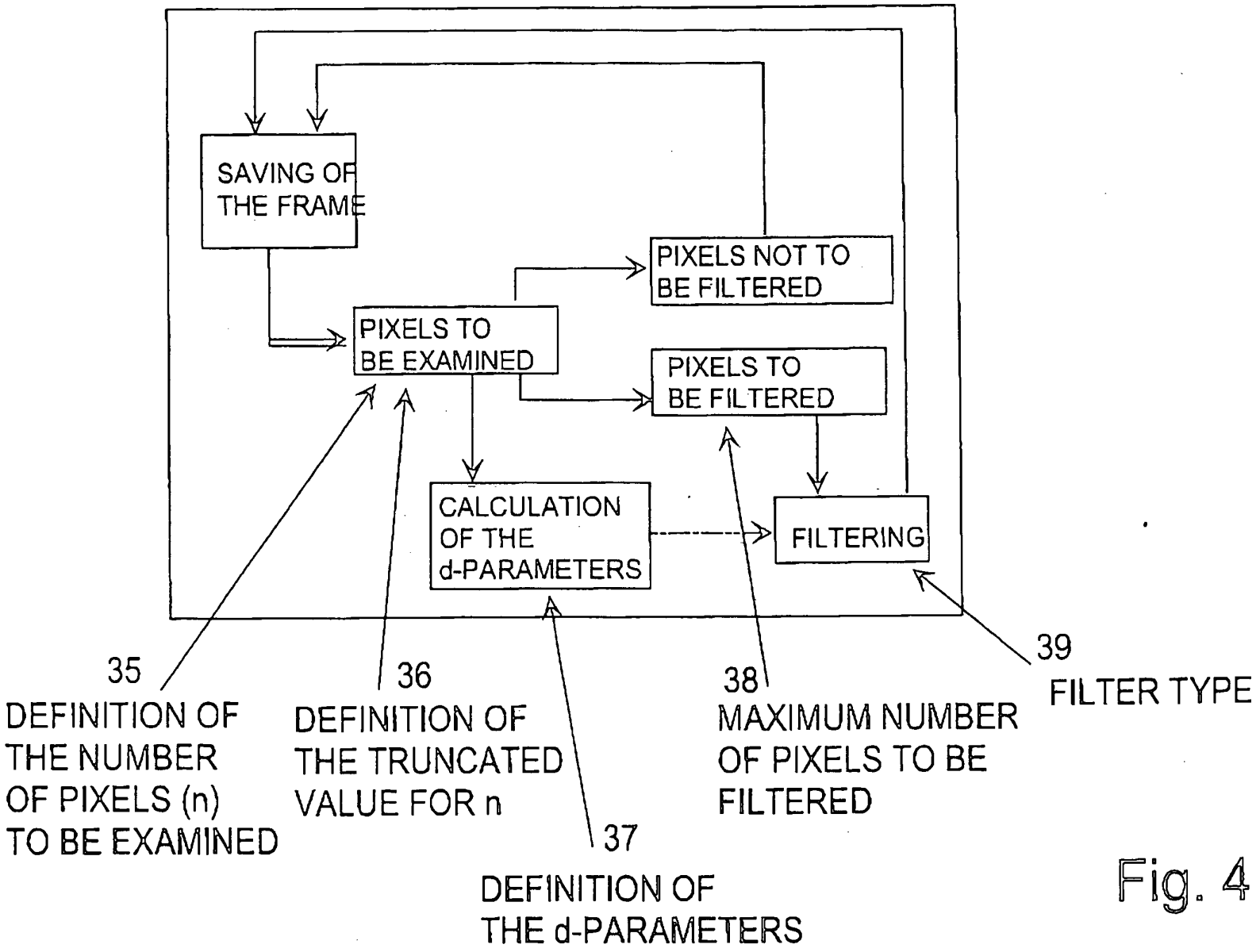
SAVING OF THE FRAME
PIXELS NOT TO BE FILTERED
PIXELS TO BE EXAMINED
PIXELS TO BE FILTERED
CALCULATION OF THE d-PARAMETERS
FILTERING
35
DEFINITION OF THE NUMBER OF PIXELS (n) TO BE EXAMINED
36
DEFINITION OF THE TRUNCATED VALUE FOR n
37
DEFINITION OF THE d-PARAMETERS
38
MAXIMUM NUMBER OF PIXELS TO BE FILTERED
39
FILTER TYPE

Fig. 4

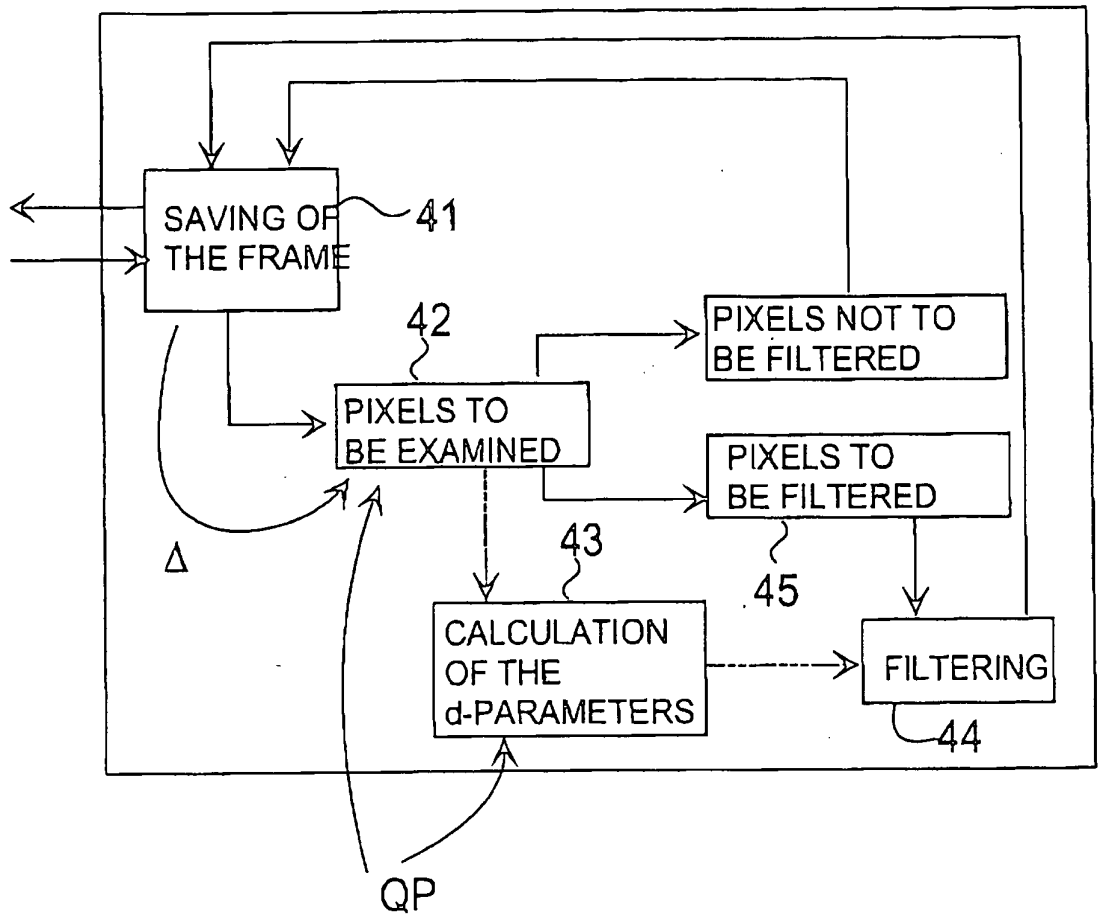
SAVING OF THE FRAME
41
42
PIXELS NOT TO BE FILTERED
PIXELS TO BE EXAMINED
PIXELS TO BE FILTERED
Δ
43
45
CALCULATION OF THE d-PARAMETERS
FILTERING
44
QP

Fig. 5

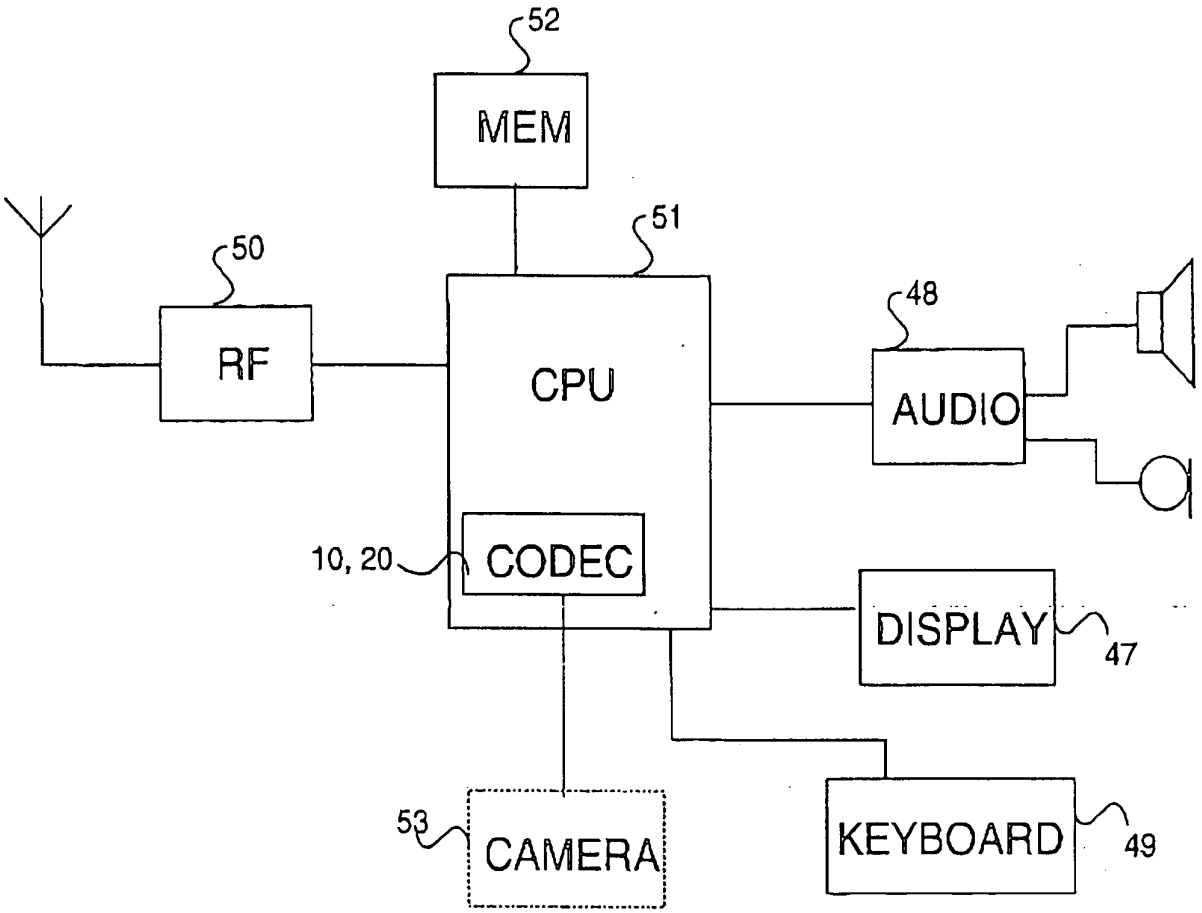
52
MEM
51
50
RF
CPU
48
AUDIO
10, 20
CODEC
DISPLAY
47
53
CAMERA
KEYBOARD
49

Fig. 6